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NOTICE OF ALLOWANCE AND FEE(S) DUE

47386

7590

03/06/2009

RYAN, MASON & LEWIS, LLP 1300 POST ROAD SUITE 205 FAIRFIELD, CT 06824 EXAMINER

MERCEDES, DISMERY E

ART UNIT PAPER NUMBER

2627

DATE MAILED: 03/06/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,655	11/21/2003	Jonathan H. Fischer	45-14-2	2375

TITLE OF INVENTION: MAGNETIC STORAGE WRITE HEADS USING MICRO-ELECTRO MECHANICAL SHUTTERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	06/08/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS; This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ap in m

maintenance fee notifica CURRENT CORRESPOND		ock 1 for any change of address)	Note	e: A certificate of	mailin	g can only be used fo	r domestic mailings of the	
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FAIRFIELD, C	Γ 06824						(Depositor's name)	
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							(Date)	
APPLICATION NO.	APPLICATION NO. FILING DATE			AMED INVENTOR ATTORNEY DOCKET NO. CON			CONFIRMATION NO.	
10/719,655	11/21/2003	•	Jonathan H. Fischer			45-14-2	2375	
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nonprovisional	nonprovisional NO		\$300	\$0 I		\$1810	06/08/2009	
EXAMINER		ART UNIT	CLASS-SUBCLASS					
MERCEDES,		2627	360-055000					
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PLEASE NOTE: Uni recordation as set fort	less an assignee is ident h in 37 CFR 3.11. Com	ified below, no assignee oletion of this form is NO	data will appear on the pa T a substitute for filing an	atent. If an assigr assignment.	ee is id	lentified below, the do	ocument has been filed for	
(A) NAME OF ASSI	GNEE		(B) RESIDENCE: (CITY	and STATE OR O	COUNT	TRY)		
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4a. The following fee(s) Issue Fee	are submitted:	41	4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed.					
	No small entity discount p	☐ Payment by credit card. Form PTO-2038 is attached.						
Advance Order - # of Copies			The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).					
5. Change in Entity Sta	tus (from status indicate	d above)	o respussion, to 2 epo			(energes an	entra copy of this form).	
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NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if reqrecords of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other than the Office.	ne applicant; a reg	istered	attorney or agent; or th	e assignee or other party in	
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PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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APPLICATION NO.	ON NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,655	11/21/2003		Jonathan H. Fischer	45-14-2	2375
47386	7590 03	/06/2009		EXAM	INER
RYAN, MASO	N & LEWIS, L	MERCEDES, DISMERY E			
1300 POST ROA	.D			ART UNIT	PAPER NUMBER
SUITE 205 FAIRFIELD, CT 06824				2627 DATE MAILED: 03/06/2009	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 705 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 705 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)		
	10/719,655	FISCHER ET AL.		
Notice of Allowability	Examiner	Art Unit		
	DISMERY E. MERCEDES	2627		
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this or other appropriate communic GHTS. This application is subjection	s application. If not included ation will be mailed in due course. THIS		
1. This communication is responsive to <u>BPAI decision filed 12</u>	<u>2/29/2008</u> .			
2. ☑ The allowed claim(s) is/are <u>1-20</u> .				
 3. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents 	been received. been received in Application N	o		
International Bureau (PCT Rule 17.2(a)).				
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		eply complying with the requirements		
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give				
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.			
(a) including changes required by the Notice of Draftspers	on's Patent Drawing Review(F	PTO-948) attached		
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date				
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t				
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT				
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5 ☐ Notice of Inform	nal Patent Application		
Notice of Preferences Sited (170 692) Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Sumr	• •		
3. ☐ Information Disclosure Statements (PTO/SB/08),	Paper No./Mai 7.	l Date		
Paper No./Mail Date4. Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's Sta	tement of Reasons for Allowance		
of Biological Material	9.			
	/HOA T NGUYEN/	1		
	Supervisory Patent	Examiner, Art Unit 2627		

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DETAILED ACTION

1. Claims 1-20 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Independent Claims 1 and 14 are allowable over the Prior Art of record, for the same reasons as stated in the BPAI decision filed 12/29/2008, and the cited references taken alone or in combination do not teach or suggest a magnetic storage system comprising: at least one shutter to selectively allow said magnetic field to alter a magnetic domain of said magnetic storage medium.

Independent Claim 10, is allowable over the Prior Art of record, for the same reasons as stated in the BPAI decision filed 12/29/2008, and the cited references taken alone or in combination do not teach or suggest a magnetic storage system comprising selectively allowing said magnetic field to alter a magnetic domain of said magnetic storage medium for each bit interval by utilizing a shutter.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Crue et al. (US 6,693,768); TAmura et al. (US 6,812,055); Ono et al. (US 6,667,827); Dowe et al. (US 6,226,116); Ikeda et al. (US 2002/0118477); Grasty (US 5,307,228); Seo et al. (US 2002/0097640).

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Any inquiry concerning this communication or earlier communications from the examiner

should be directed to DISMERY E. MERCEDES whose telephone number is (571)272-7558. The

examiner can normally be reached on Monday - Friday, from 9:00am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Hoa Thi Nguyen can be reached on 571-272-7579. The fax phone number for the organization

where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR system,

see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system,

contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like

assistance from a USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dismery E. Mercedes/

Examiner, Art Unit 2627

/HOA T NGUYEN/

Supervisory Patent Examiner, Art Unit 2627